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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/929,353	08/15/2001	Wen-Tsung Liu	LIUW3001/EM/7128	8865
23364	7590	03/15/2004	EXAMINER	
BACON & THOMAS, PLLC 625 SLATERS LANE FOURTH FLOOR ALEXANDRIA, VA 22314			VU, THONG H	
			ART UNIT	PAPER NUMBER
			2142	

DATE MAILED: 03/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/929,353	LIU ET AL.	
	Examiner Thong H Vu	Art Unit 2142	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 15 August 2001.

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-5 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-5 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on 15 August 2001 is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

- Certified copies of the priority documents have been received.
- Certified copies of the priority documents have been received in Application No. _____.
- Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.

4) Interview Summary (PTO-413) Paper No(s) _____.

5) Notice of Informal Patent Application (PTO-152)

6) Other: _____.

1. Claims 1-5 are pending.

Specification

2. The disclosure is objected to because of the following informalities: bluetooth (page 7 line 12). Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-5 are rejected under 35 U.S.C. § 102(e) as being anticipated by Stanley et al [Stanley 6,061,746]

4. As per claim 1, Stanley discloses a double interfaced storage communication network card [Stanley col 9 line 34] with a communication protocol device [Stanley col 5 line 5-16], a first interface and a first signal transmission end disposed at the front end thereof for inserting in the interface insert slot [Stanley col 12 lines 25-54] so as, to support the application demand and a receiving space disposed inside for accommodating a circuit board [Stanley motherboard col 11 lines 47-53], a chip [col 8 lines 34-44] and a memory body [col 9 lines 10-15], is characterized that:

a communication protocol device is disposed at the relative end of the first interface [Stanley 1394 link interface, col 5 line 5-16];

a second interface and a second signal transmission end for connecting a computer CPU system [Stanley col 9 lines 5-10];
a micro control chip is disposed on the circuit board [Stanley col 7 lines 40-54];
the said micro control chip automatically detects [Stanley col 8 lines 34-44], judges and supporting the action signals of the first and the second interfaces; when any of the signal transmission end of the first or the second interface provides action signals, the micro control chip orders the circuit board or other electronic components to support the instructional action of the first or the second signal transmission end [Stanley col 12 lines 55—col 13 line 11].

5. As per claim 2, Stanley discloses the storage communication device includes at least a peripheral product corresponding with the regulations of the PC card and the CF card as inherent feature of Network interface device [Stanley col 9 lines 5-10].

6. As per claim 3, Stanley discloses the communication device includes at least the USB and the 1394 devices [Stanley USB- 150, 1394PHY-125 Fig 1].

7. As per claim 4, Stanley discloses the second signal transmission end connects the signal transmission cable for connecting the computer CPU system [Stanley col 9 lines 5-10]

8. As per claim 5, Stanley discloses the peripheral products corresponding with the regulations of the PC card and the CF card includes at least the memory card, the digital card, various types of converter cards (or apparatuses) for the memory cards, the cabled and the wireless network cards as well as the bluetooth card (or wireless communication card) as inherent feature of network interface card using 1394 or USB.

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9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Thong Vu, whose telephone number is (703)-305-4643.

The examiner can normally be reached on Monday-Thursday from 8:00AM- 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Jack Harvey*, can be reached at (703) 305-9705.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9700.

Any response to this action should be mailed to: Commissioner of Patent and Trademarks, Washington, D.C. 20231 or faxed to :

After Final (703) 746-7238

Official: (703) 746-7239

Non-Official (703) 746-7240

Hand-delivered responses should be brought to Crystal Park 11,2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Thong Vu
Patent Examiner
Art Unit 2142

